



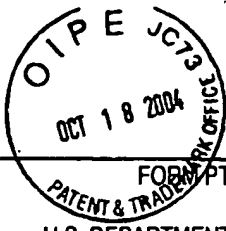
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. I-2-0091.11US	SERIAL NO. 09/765,001
	APPLICANT Gary R. Lomp	
	FILING DATE January 18, 2001	GROUP 2631

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PP	3,700,820	10/1972	Blasbalg et al.			
	3,761,610	09/1973	Krallinger et al.			
	4,069,392	01/1978	Goldenberg et al.			
	4,156,277	05/1979	Seitz et al.			
	4,292,623	09/1981	Eswaran et al.			
	4,320,513	03/1992	Lampert			
	4,384,307	05/1983	Kuzmik et al.			
	4,385,206	05/1983	Bradshaw et al.			
	4,403,322	09/1983	Kato et al.			
	4,425,665	01/1984	Stauffer			
	4,458,314	07/1984	Grimes			
	4,480,307	10/1984	Budde et al.			
	4,570,220	02/1986	Tetrick et al.			
	4,583,124	04/1986	Tsuji et al.			
	4,608,700	08/1986	Kirtley, Jr. et al.			
	4,630,126	12/1986	Kaku et al.			
	4,646,232	02/1987	Chang et al.			
	4,667,192	05/1987	Schmid et al.			
	4,675,865	06/1987	DeVries et al.			
	4,709,343	11/1987	Van Chang			
	4,744,079	05/1988	Csapo et al.			
	4,768,145	08/1988	Wheelwright et al.			
	4,811,262	03/1989	White			
	4,811,421	03/1989	Havel et al.			
	4,862,402	08/1989	Shah et al.			
✓	4,901,307	02/1990	Gilhausen et al.			

EXAMINER <i>Phung</i>	DATE CONSIDERED 11/5/04
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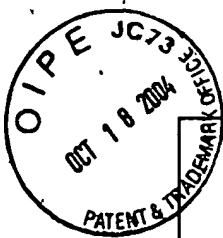
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U.S. PATENT DOCUMENTS

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pf	4,914,574	04/1990	Terada et al.			
	5,022,049	06/1991	Abrahamson et al.			
	5,050,004	09/1991	Morton, Jr.			
	5,056,109	10/1991	Gilhousen et al.			
	5,084,900	01/1992	Taylor			
	5,093,840	03/1992	Schilling			
	5,103,459	04/1992	Gilhousen et al.			
	5,105,423	04/1992	Tanaka et al.			
	5,109,390	04/1992	Gilhousen et al.			
	5,107,225	04/1992	Wheatley et al.			
	5,113,525	05/1992	Andoh			
	5,115,429	05/1992	Huckyj et al.			
	5,117,385	05/1992	Gee			
	5,140,613	08/1992	Birgenheier et al.			
	5,159,283	10/1992	Jensen			
	5,159,551	10/1992	Brunnett et al.			
	5,166,951	11/1992	Schilling			
	5,166,952	11/1992	Omurg et al.			
	5,193,094	03/1993	Viterbi			
	5,199,061	03/1993	Kim			
	5,204,876	04/1993	Bruckert et al.			
	5,216,692	06/1993	Ling			
	5,224,120	06/1993	Schilling			
	5,228,054	07/1993	Rueth et al.			
	5,228,056	07/1993	Schilling			
✓	5,235,614	08/1993	Bruckert et al.			

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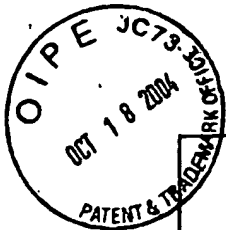
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ff	5,237,586	08/1993	Bottomley			
	5,241,690	08/1993	Larsson et al.			
	5,245,629	09/1993	Hall			
	5,253,268	10/1993	Omura et al.			
	5,253,347	10/1993	Bagnoli et al.			
	5,257,283	10/1993	Gilhousen et al.			
	5,258,940	11/1993	Coker et al.			
	5,260,967	11/1993	Schilling			
	5,262,974	11/1993	Hausman et al.			
	5,265,119	11/1993	Gilhousen et al.			
	5,267,262	11/1993	Wheatley, III			
	5,274,474	12/1993	Medina			
	5,276,684	01/1994	Pearson			
	5,276,907	04/1994	Meidan			
	5,283,536	02/1994	Wheatley, III			
	5,287,299	02/1994	Lin			
	5,287,463	02/1994	Frame et al.			
	5,295,152	03/1994	Gudmundson et al.			
	5,297,162	03/1994	Lee et al.			
	5,299,226	03/1994	Schilling			
	5,299,228	03/1994	Hall			
	5,305,349	04/1994	Dent			
	5,309,474	05/1994	Gilhousen et al.			
	5,311,459	05/1994	D'Luna et al.			
	5,321,721	06/1994	Yamaura et al.			
✓	5,327,455	07/1994	DeGaudenzi et al.			

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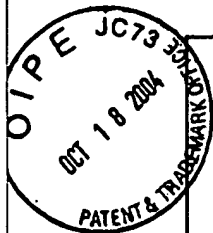
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JP		5,406,559	04/1995	Edem et al.			
		5,410,568	04/1995	Schilling			
		5,414,728	05/1995	Zehavi			
		5,414,729	05/1995	Fenton			
		5,414,732	05/1995	Kauffman			
		5,416,797	05/1995	Gilhousen et al.			
		5,418,624	05/1995	Ahmed			
		5,420,850	05/1995	Umeda et al.			
		5,420,864	05/1995	Dahlin et al.			
		5,420,896	06/1995	Schilling			
		5,430,724	07/1995	Fall et al.			
		5,430,760	07/1995	Dent			
		5,440,597	08/1995	Chung et al.			
		5,442,662	08/1995	Fukasawa et al.			
		5,446,683	08/1995	Mullen et al.			
		5,446,756	08/1995	Mallinckrodt			
		5,448,600	09/1995	Lucas			
		5,459,759	10/1995	Schilling			
		5,483,549	01/1996	Weinberg et al.			
		5,485,486	01/1996	Gilhousen et al.			
		5,487,089	01/1996	Misaizu et al.			
		5,488,629	01/1996	Takahashi et al.			
		5,506,864	04/1996	Schilling			
		5,509,126	04/1996	Opreescu et al.			
✓		5,519,736	05/1996	Ishida			

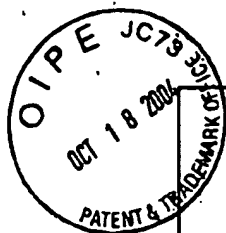
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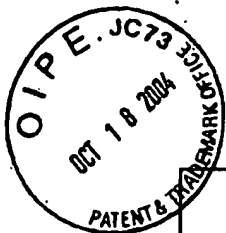
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PP		5,528,593	06/1996	English et al.			
		5,528,624	06/1996	Kaku et al.			
		5,544,156	08/1996	Teder et al.			
		5,548,613	08/1996	Kaku et al.			
		5,550,811	08/1996	Kaku et al.			
		5,559,790	09/1996	Yano et al.			
		5,561,669	10/1996	Lenny et al.			
		5,563,912	10/1996	Yasunga			
		5,568,483	10/1996	Padovani et al.			
		5,574,754	11/1996	Kurihara et al.			
		5,574,983	11/1996	Duozone et al.			
		5,594,718	01/1997	Weaver, Jr. et al.			
		5,596,570	01/1997	Soliman			
		5,604,730	02/1997	Tiedemann, Jr.			
		5,619,524	04/1997	Ling et al.			
		5,619,526	04/1997	Kim et al.			
		5,627,835	05/1997	Witter			
		5,627,855	05/1997	Davidovici			
		5,638,362	06/1997	Dohi et al.			
		5,644,590	07/1997	Sugita			
		5,652,765	07/1997	Adachi et al.			
		5,654,980	08/1997	Latva-aho et al.			
		5,657,343	08/1997	Schilling			
		5,673,286	09/1997	Lomp			
		5,675,581	10/1997	Soliman			
		5,691,974	11/1997	Zehavi et al.			
✓		5,692,008	11/1997	Van Nee			
EXAMINER Phum plu				DATE CONSIDERED 11/5/04			

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U.S. PATENT DOCUMENTS							
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PP		5,710,768	03/1999	Ziv et al.			
		5,712,869	01/1998	Lee et al.			
		5,722,051	02/1998	Agrawal et al.			
		5,745,484	04/1998	Scott			
		5,748,687	05/1998	Ozluturk			
		5,771,451	06/1998	Takai et al.			
		5,781,584	07/1998	Zhou et al.			
		5,790,591	09/1998	Gold et al.			
		5,796,776	08/1998	Lomp et al.			
		5,812,593	09/1998	Kaku			
		5,828,662	10/1998	Jalali et al.			
		5,841,768	11/1998	Ozluturk et al.			
		5,870,378	02/1999	Huang et al.			
		5,872,810	02/1999	Phillips et al.			
		5,875,400	02/1999	Madhavapeddy et al.			
		5,878,329	03/1999	Mallinckrodt			
		5,878,350	03/1999	Nakamura et al.			
		5,881,056	03/1999	Huang et al.			
		5,881,368	03/1999	Grob et al.			
		5,884,187	03/1999	Ziv et al.			
		5,884,196	03/1999	Lekven et al.			
		5,898,665	04/1999	Sawahashi et al.			
		5,940,382	08/1999	Haim			
		5,953,346	09/1999	Luddy			
		5,966,403	10/1999	Pon			
		5,991,332	11/1999	Lomp et al.			
✓		6,018,528	01/2000	Gitlin et al.			
EXAMINER <i>Phuon Phuon</i>				DATE CONSIDERED <i>11/5/04</i>			

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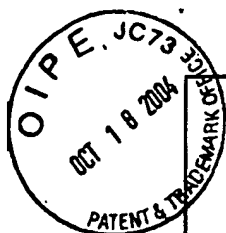


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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ph		6,072,787	06/2000	Hamalainen et al.			
		6,088,335	07/2000	I et al.			
		6,049,535	04/2000	Ozluturk et al.			
		6,104,748	08/2000	Kaku			
		6,122,292	09/2000	Watanabe et al.			
		6,141,374	10/2000	Burns			
		6,212,174	04/2001	Lomp et al.			
		6,229,843	05/2001	Lomp et al.			
		6,272,168	08/2001	Lomp et al.			
		6,292,519	09/2001	Popovic			
		6,381,264	04/2002	Lomp et al.			
		6,434,124	08/2002	Rege			
		6,463,295	10/2002	Yun			
		6,519,461	02/2003	Andersson et al.			
		6,549,565	04/2003	Buehrer et al.			
		6,587,447	07/2003	Wang et al.			
		6,654,613	11/2003	Maeng et al.			
		6,708,041	03/2004	Butovitsch et al.			
		6,721,301	04/2004	Ozluturk et al.			
		6,760,321	07/2004	Shamsunder			
		6,763,244	07/2004	Chen et al.			
		6,778,551	08/2004	Magnus et al.			
✓		2003/0193914	10/2003	Lomp et al.			

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FOREIGN PATENT DOCUMENTS

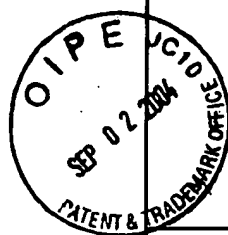
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		H583381	04/1993	JP				
		H66374	01/1994	JP				
		H6104694	04/1994	JP				
		H758665	03/1995	JP				
		H7273600	10/1995	JP				
		H6104829	01/1996	JP				
		9013942	1990	WO				
		9200639	01/1992	WO				
		9221196	11/1992	WO				
		9307702	04/1993	WO				
		9314588	07/1993	WO				
		9428640	12/1994	WO				
		9503652	02/1995	WO				
		9507578	03/1995	WO				
		9512257	05/1995	WO				
		9702665	01/1997	WO				
✓		9707600	02/1997	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

pp	Patent Abstracts of Japan, vol. 015, No. 003 (E-1019), January 7, 1991 & JP 02 256331 A (Sharp Corp.), October 17, 1990, see abstract.
pp	Raymond W. Nettleton, "Spectral Efficiency in Cellular Land-Mobile Communications: A Spread Spectrum Approach," UMI Dissertation Information Service, (1978), 204 pgs.

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PP	IX	5,107,225	04/1992	Wheatley et al.			
	IY	5,228,054	07/1993	Rueth et al.			
	IZ	5,253,347	10/1993	Bagnoli et al.			
	JA	5,276,907	04/1994	Meidan			
	JB	5,299,226	03/1994	Schilling			
	JC	5,329,547	07/1994	Ling et al.			
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	JE	5,574,983	11/1996	Duozone et al.			
	JF	5,604,730	02/1997	Tiedemann, Jr			
	JG	5,619,526	04/1997	Kim et al.			
	JH	5,627,835	05/1997	Witter			
	JI	5,710,768	01/1998	Ziv et al.			
	JJ	5,748,687	05/1998	Ozluturk et al.			
	JK	5,771,451	06/1998	Takai et al.			
	JL	5,790,591	09/1998	Gold et al.			
	JM	5,878,350	03/1999	Nakamura et al.			
	JN	5,884,187	03/1999	Ziv et al.			
	JO	5,884,196	03/1999	Lekven et al.			
✓	JP	6,212,174	04/2001	Lomp et al.			

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PP	JQ	0505341A	09/1992	Europe				
	JR	0637179A	02/1995	Europe				
	JS	9013942	1990	WO				
✓	JT	9512257	05/1995	WO				

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✓	IU	6,104,748	08/2000	Kaku			
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